



Commonwealth Edison
72 West Adams Street, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

EPA Region 5 Records Ctr.



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MAD

April 18, 1983

CERTIFIED MAIL

RECEIVED

Mr. Lawrence Eastep, P.E.
Manager, Industrial Permit Section
Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, Illinois 62706

APR 20 1983

Environmental Protection Agency
Division of Water Pollution Control
Permit Section-Springfield
State of Illinois

Subject: Maywood Technical Center
Final BMP Plan
NPDES Permit No. IL 0059064

Dear Mr. Eastep:

In response to your February 3, 1983 letter requesting additional information for the Best Management Practices Plan for the subject facility, we are submitting the following information:

1. Identification of PCB sources and quantities.

Since the NPDES permit addresses PCB material, we are confining our remarks to discussion of that material only. Additional information regarding hazardous wastes was submitted to USEPA for notification as a EPA Facility I.D. No. ILD 043352509. This facility is in compliance with the Toxic Substances Control Act requirements.

A PCB inventory was performed by the Company on February 14, 1983. The results of this inventory, as well as the location of each source is provided on the attached Technical Center property and building drawing. Wherever possible, the maximum capacity of a tank or pit was used.

Due to continuous transformer repairs work, this quantity and concentration of PCB varies on a weekly basis. Therefore, a yearly report as submitted to USEPA provides an accurate record of such material handling.

2. Employee Training

An annual comprehensive training and awareness seminar has been instituted which encompasses both the SPCC plan and the BMP plan. The various areas covered in the seminar are shown below:

- a. Rudiments of the SPCC plan and the BMP plan.
- b. Types of spills.
- c. Applicable reporting procedures.
- d. Clean-up techniques.
- e. Appropriate disposal methods.

All reference materials used in the training program are available in the building manager's office, and spill reporting procedures are posted in several locations. In addition, there is a general Vice-Presidential procedure for PCB control which is currently implemented throughout the Company.

An internal audit department assesses quality control for such procedures. In addition, on-site management personnel assure compliance with procedures on a day-today basis.

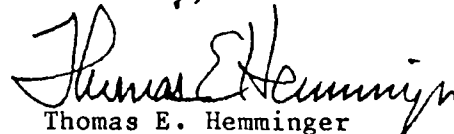
3. Responsible Official

The Superintendent of Transmission and Distribution Construction at the Maywood Technical Center is the responsible official for making sure the minimum requirements of the BMP plan are implemented. Presently, the name of that official is John B. Gunnell.

As soon as you approve this BMP plan, we will apply for a construction permit. Upon your approval for that permit, we will commence construction activity.

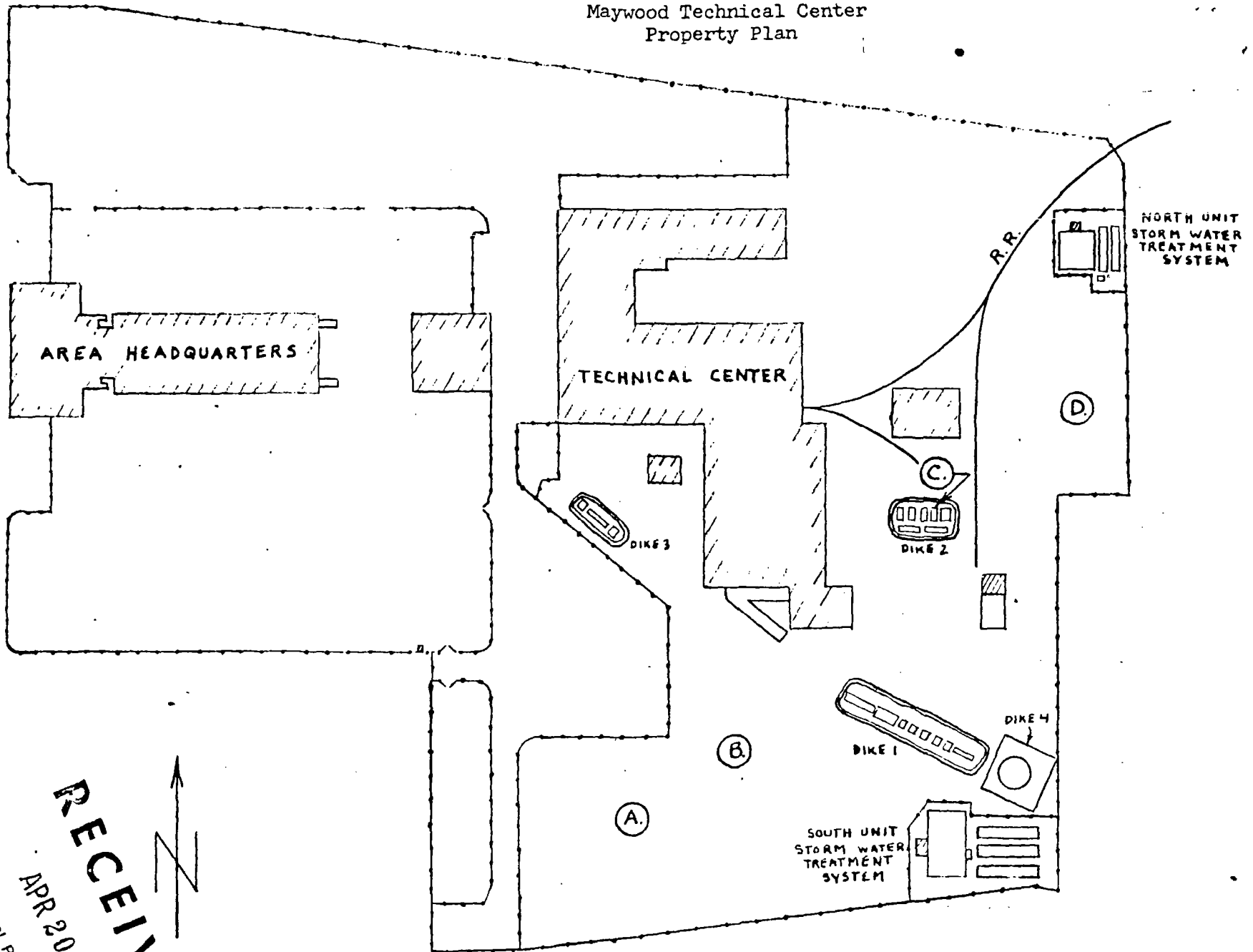
Should you have any further questions regarding this matter, please call Ms. Donna Urbikas of my staff at 312/294-4452.

Sincerely,



Thomas E. Hemminger
Director of Water Quality

Commonwealth Edison Company
Maywood Technical Center
Property Plan



Environmental Protection Agency
Division of Water Pollution Control
Permit Section-Springfield
State of Illinois

APR 20 1983

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2/14/83

Commonwealth Edison Company
Maywood Technical Center Property Plan
Contained Quantities of PCB Material on
February 14, 1983

<u>Area</u>	<u>Description</u>	<u>Volume, gallons</u>	<u>Concentration of PCB, Oil, ppm</u>
A	Transformers - good stock	385	180
		370	60
		315	110
		200	184
		200	52
		200	91
B.	Transformers - good stock	18,501	Askarel
		319	50-500
		340	82
		385	50
C.	Storage Tank for temporary use	5,000	50-500
D.	Transformers - repair stock	3,718	Askarel
		3,020	50-500
		1,200	720
		865	305
		68	438

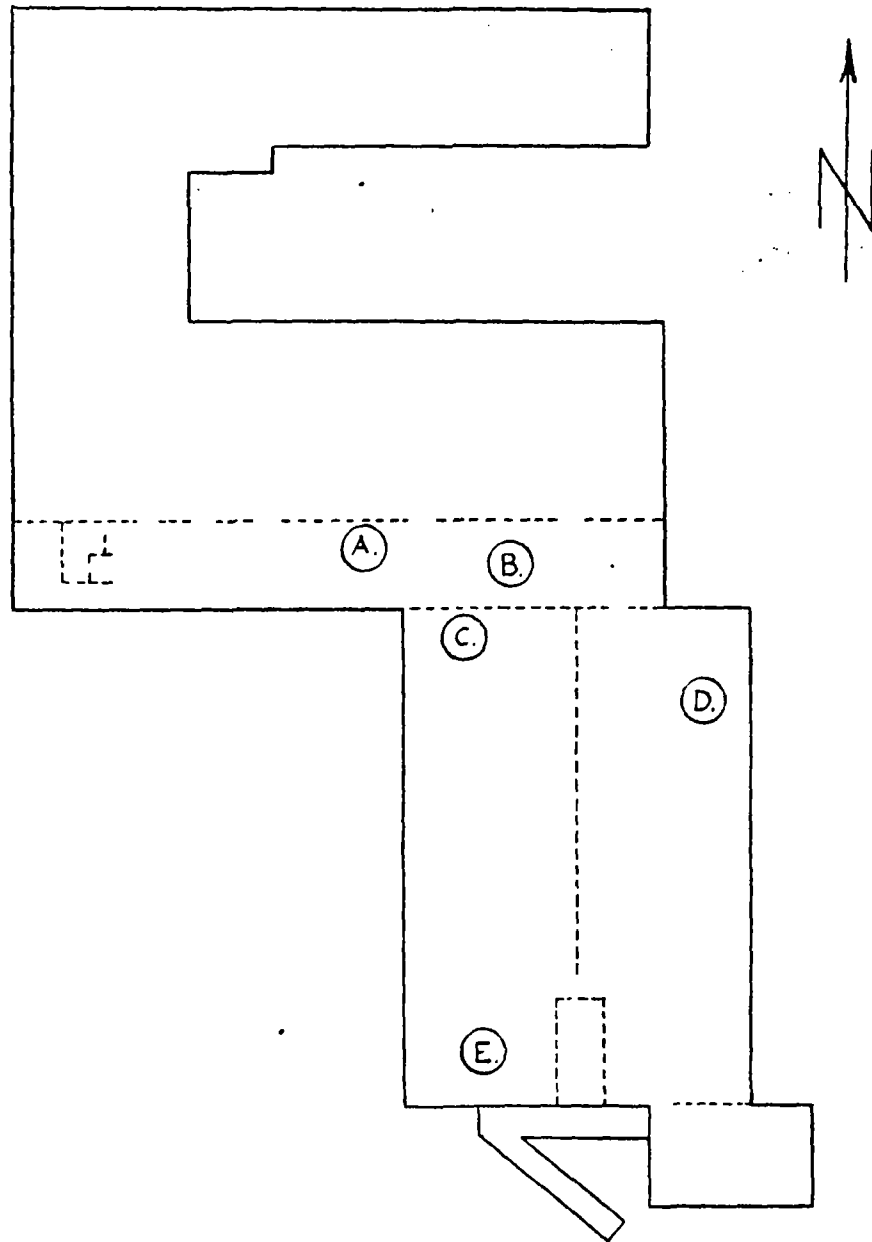
Notes:

1. Concentration values were obtained from labels. Information on labels was provided by manufacturer or from tests by the Company.
2. Volumes vary according to repair requirements. Therefore, one day's data are provided.
3. Volume represents a grouping of transformers or other container.

April 1, 1983

1959E
DAU:ds

Commonwealth Edison Company
Maywood Technical Center
Building Areas



2/14/83

Commonwealth Edison Company
Maywood Technical Center Building
Contained Quantities of PCB Material
on February 14, 1983

<u>Area</u>	<u>Description</u>	<u>Quantity or Volume</u>	<u>Concentration of PCB, ppm</u>
A	Concrete bermed area used for draining and repair of transformers	851 gallons 130 gallons 270 pounds	Askarel 50-500 (oil) 50-500 (solids)
B	East High Room used for repair of transformers	75 gallons	Askarel
C.	Stores area used for handling and storage of incoming Askarel	1,300 gallons	Askarel
D	Transformer Drain Pit used to sample drained PCB fluid	1,800 gallons	50-500 (oil)
E	Shipping area used for temporary storage awaiting approved disposal	605 gallons	Askarel

Notes:

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2. Quantities and volumes vary according to repair requirements. Therefore, one day's data are provided.
3. Volume represents a grouping of transformers or other containers.

April 1, 1983

1959E
DAU:ds

FIRST AVENUE

IEPA

DVA

DVA
GARAGE

(Black)
27" LINE

EISENHOWER EXPRESSWAY

TECH
CENTER

SPILL
STORAGE

SPILL
STORAGE

SOUTH
O/W
SEPARATORS

8" LINE

NORTH
O/W
SEPARATORS

24
#5" LINE

COOK
COUNTY
OFFICES



unpaved or
partially paved

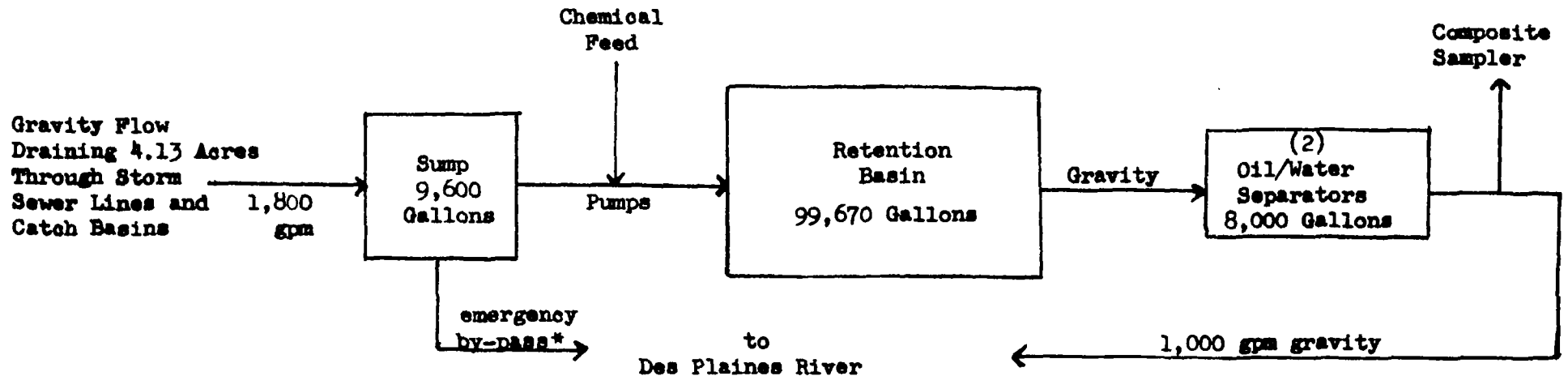
COMMONWEALTH EDISON COMPANY
MAYWOOD TECHNICAL CENTER
(NOT TO SCALE)

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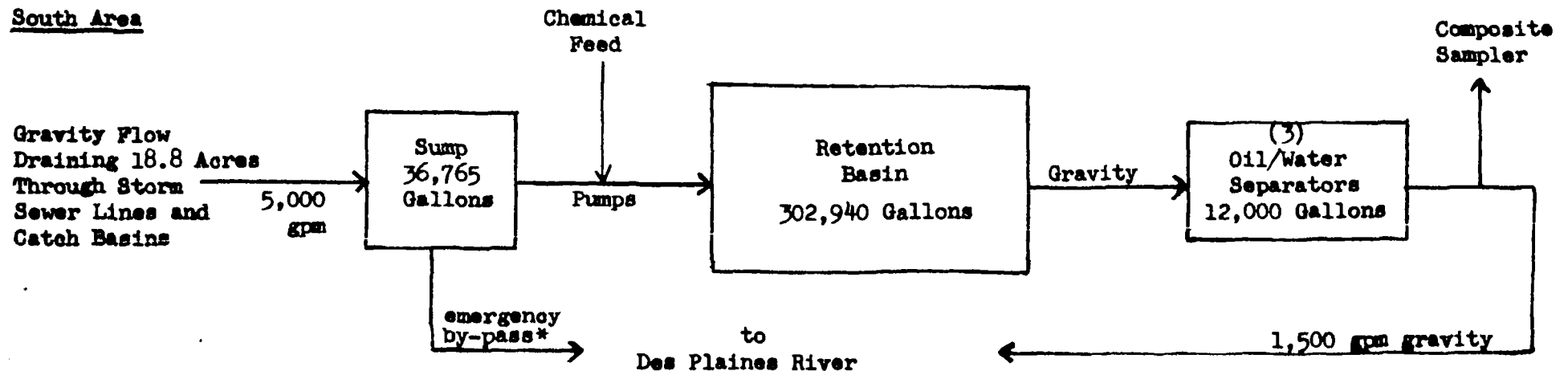
JES PLAINES R.

Commonwealth Edison Company
Maywood Technical Center
Schematic of Stormwater Runoff
Treatment Systems

North Area



South Area



*For storm events exceeding design flowrate, based on existing storm sewers designed to collect a 1-hour, 1-inch event; system is designed up to 30 minutes of such a rain event.

DAU: 8/01/83